A

Abay, B. ..... (7) 1054
Abernathy, C.R. ..... (5) 839, (5) 845, (9) 1428, (10) 1640
Aboelfotoh, M.O. ..... (11) 1661, (11) 1662, (11) 1673, (11) 1760
Achuthan, K. ..... (10) 1628
Adderton, D. ..... (2) 301
Adesida, I. ...(5) 775, (5) 819, (5) 825
Ae, S. ..... (3) 401, (3) 457
Agassi, D. ..... (6) 925
Ahmari, D.A. ..... (10) 1637
Ahmed, M.U. ..... (8) 1260
Ahn, J. ..... (12) 1845
Aigouy, L. ..... (2) 183
Akazaki, T. ..... (4) 745
Aktas, Ö. ..... (11) 1703
Alaya, S. ..... (12) 1851
Algora, C. ..... (9) 1463
Allen, L.P. ..... (1) 93
Aller, I. ..... (3) 421
Almeida, L.A. ..... (8) 1402
Alok, D. ..... (5) 875
Amano, J. ..... (6) 1004
An, H. ..... (3) 513
Anderson, T.S. ..... (1) 27
Anderson, W.A. .... (2) 201, (10) 1645
Ando, K. ..... (4) 559
Andrews, J.M. ..... (5) 885
Antolak, A.J. ..... (8) 1323
Antoszewski, J. ..... (8) 1157
Apte, R.P. ..... (11) 1760
Arai, K. ..... (4) 745
Arai, S. ..... (4) 657
Ard, C.K. (8) 1134, (8) 1157, (8) 1183
Arendt, P.N. ..... (1) 131
Arent, D.J. ..... (10) 1633
Arias, J.M. ..... (8) 1394
Arlinghaus, H.F. .. (8) 1183, (8) 1188
Artaki, I. ..... (7) 1128
Asa, G. ..... (8) 1221
Asahi, H. .....(3) 325, (4) 553, (4) 637
Ashizawa, Y. ..... (4) 715
Asif Khan, M. ..... (5) 777, (5) 819, (5) 825
Aubry-Fortuna, V. ..... (11) 1748
Aulombard, R.L. ..... (2) 183
Auret, F.D. ..... (11) 1695
Averous, M. ..... (2) 183
Ayers, J.E. ..... (2) 207

B

Baars, J. ..... (8) 1196
Babu, S.V. ..... (10) 1628
Bagchi, S. ..... (1) 7
Bailey, J. ..... (9) 1417
Bajaj, J. .(8) 1312, (8) 1394, (9) 1561
Baker, J.E. ..... (9) 1514
Bakhru, H. ..... (11) 1778
Baliga, B.J. ..... (5) 875
Bambha, N. ..... (2) 259
Ban, Y. ..... (5) 799
Bandyopadhyay, S. ..... (10) 1585
Banerjee, G. ..... (10) 1585
Bao, K.X. ..... (2) 207
Barber, H.B. ..... (8) 1232
Barbot, J.F. ..... (8) 1172
Barlage, D.W. ..... (10) 1637
Barnard, W.O. ..... (11) 1695
Bartoli, F.J. ..... (8) 1157
Barton, S. ..... (6) 1014, (9) 1521
Becla, P. ..... (8) 1383
Benmansour, A. ..... (7) 1023
Bennett, B.R. ..... (2) 313
Bennett, J.W. ..... (2) 229
Benson, J.D. ..... (8) 1406
Benson, T.E. ..... (6) 955
Benz, K.W. ..... (7) 1082
Benz, R.G. II ..... (8) 1203
Benz, W. ..... (9) 1446
Berger, P.R. ..... (2) 297, (3) 479
Bernstein, J.D. ..... (3) 507
Bertness, K.A. ..... (10) 1633
Bevan, M.J. ..... (8) 1371, (8) 1375
Beyzavi, K. ..... (3) 537
Bhat, I. ..... (8) 1133
Bhat, R. ..... (3) 491
Bhattacharya, P.K. .. (3) 467, (3) 479
Bi, W.G. ..... (7) 1049
Bicknell-Tassius, R. ..... (7) 1044, (8) 1203
Blanchard, C. ..... (8) 1172
Bleuse, J. ..... (8) 1388
Bliss, D.F. ..... (3) 331
Bodnar, S. ..... (11) 1748
Bollong, A.B. ..... (8) 1183
Bose, D.N. ..... (4) 677
Botchkarev, A.E. ..... (11) 1703
Bourgoin, J.C. ..... (12) 1851
Boyd, P.R. ..... (8) 1406
Brandt, O. ..... (5) 787
Bremond, G. ..... (7) 1023
Brewer, P.D. ..... (8) 1411
Brink, D. ..... (8) 1196
Briot, N. ..... (2) 183
Briot, O. ..... (2) 183
Brown, A.S. ..... (7) 1044
Bruder, M. ..... (8) 1196
Bryant, G.G. ..... (3) 331
Bubulac, L.O. ..... (8) 1312, (8) 1394
Buchwalter, L.P. ..... (6) 976
Buczkowski, S.L. ..... (8) 1247
Bugge, F. ..... (2) 309
Burrows, P.E. ..... (3) 537
Buttler, W. ..... (8) 1366

C

Cai, L. ..... (11) 1784
Calhoun, L.C. ..... (9) 1474
Calvo-Barrio, L. ..... (3) 541
Campbell, D. ..... (10) 1628
Campbell, I.H. ..... (1) 51, (1) 131
Caneau, C. ..... (3) 491
Capitanio, D. ..... (10) 1608
Capocci, F.A. ..... (6) 1014
Capper, P. ..... (6) 1014, (9) 1521
Carlos, W.E. ..... (5) 851
Carr, D. ..... (9) 1521
Carter, C.H., Jr. ..... (5) 831
Carter-Coman, C. ..... (7) 1044
Case, F.C. ..... (8) 1328
Catalano, A. ..... (12) 1806
Catchpole, R. ..... (8) 1276
Cavus, A. ..... (2) 259
Celii, FG. ..... (2) 313
Chadi, D.J. ..... (2) 229
Chai, C.-Y. ..... (12) 1818
Chan, C. ..... (3) 507
Chan, F.Y.M. ..... (12) 1837
Chan, Y.-J. ..... (12) 1818
Chan, Y.C. ..... (9) 1451, (12) 1837
Chandra, D. ..... (8) 1375
Chang, C.-Y. ..... (12) 1818
Chang, H.L. ..... (11) 1797
Chang, Y. ..... (4) 761
Chao, C.-P. ..... (3) 537
Chapman, G.R. ..... (8) 1286
Chen, A.-B. ..... (8) 1254
Chen, C.H. ..... (6) 1004
Chen, F. ..... (2) 297
Chen, J.C. ..... (7) 1064
Chen, J.F. ..... (11) 1790
Chen, M.C. ..... (8) 1375
Chen, N.C. ..... (11) 1790
Chen, Y. ..... (9) 1545
Chen, Y.P. ..... (8) 1402
Cheng, H.-C. ..... (12) 1818
Cheng, W.H. ..... (11) 1797
Chi, P.H. ..... (5) 885
Chi, S. ..... (11) 1797
Chiu, D.S. ..... (9) 1451
Choo, H. ..... (3) 485
Chou, H.C. ..... (7) 1093
Choyke, W.J. ..... (5) 869
Chu, C.C. ..... (2) 263
Chu, F. ..... (11) 1754
Chu, J.H. ..... (4) 761, (8) 1176
Chun, Y.S. ..... (9) 1539
Chung, D.D.L. ..... (6) 930
Cima, M.J. ..... (1) 35
Claflin, B. ..... (11) 1772
Clawson, A.R. ..... (4) 739
Cloitre, T. ..... (2) 183
Cockrum, C.A. ..... (8) 1341, (8) 1411
Cohen, M. ..... (9) 1501
Coldren, L.A. (4) 565, (6) 948, (6) 965
Coleman, J.J. ..... (9) 1514
Colin, T. ..... (3) 497
Collins, R.T. ..... (9) 1422
Colombo, L. ..... (8) 1157, (8) 1375
Cong, L. ..... (2) 305
Conibeer, G.J. ..... (7) 1108
Cook, J.W., Jr. ..... (5) 793, (5) 855
Cook, L.M. ..... (10) 1617
Cooper, J.A., Jr. ..... (5) 899
Cornfeld, A.B. ..... (8) 1406
Coutts, T.J. ..... (6) 935
Craford, M.G. ..... (6) 1004
Crawford, M.H. ..... (5) 839
Cremins, A. ..... (1) 43
Cronin, W. ..... (11) 1715
Curry, J. ..... (10) 1628

D

Dabral, S. ..... (11) 1778
Dagnall, G. ..... (7) 1044
Dai, N. ..... (2)259
Dairaku, S. ..... (8) 1241
Daleiden, J. ..... (9) 1446
Danilewsky, A.N. ..... (7) 1082

Dauplaise, H.M. ..... (4) 603, (4) 709
Davis, A. ..... (4) 603, (4) 709
Davis, H.A. ..... (1) 81
Davis, R.F. ..... (5) 805
Dawson, D.E. ..... (7) 1044
DeBarros, O. ..... (7) 1023
del Alamo, J.A. ..... (2) 313
deLyon, T.J. ..... (8) 1341
den Boer, W. ..... (12) 1806
DenBaars, S.P. ..... (6) 965
Derbali, M.B. ..... (12) 1851
Derzko, Z. ..... (8) 1406
Devaty, R.P. ..... (5) 869
Devrajan, J. ..... (5) 869
Diaz, J. ..... (12) 1851
Dietrich, B. ..... (2) 287
Dinan, J.H. ..... (8) 1406
Dingley, D.J. ..... (11) 1767
Dmitriev, V.A. ..... (5) 831
Dobrowolska, M. ..... (2) 253
Dodd, M.A. ..... (8) 1209
Dörnen, A. ..... (7) 1082
Ducroquet, F. ..... (7) 1023
Dugger, M. ..... (10) 1623
Duncan, W.M. ..... (8) 1371
Duquette, D.J. ..... (10) 1593
Dutartre, D. ..... (7) 1023, (11) 1748
Dutton, D.T. ..... (6) 1014, (9) 1521
Duxstad, K. ..... (11) 1703

E

Eastman, L.F. ..... (9) 1551
Ebe, H. ..... (8) 1358
Eberl, K. ..... (3) 395
Edmond, J.A. ..... (5) 793
Edwall, D.D. ..... (8) 1394
Efeoğlu , H. ..... (7) 1054
Eicher, S. ..... (9) 1478
Eisen, F. ..... (1) 87
El-Masry, N.A. ..... (5) 793
Elliott, C.T. ..... (8) 1139, (8) 1146, (8) 1276
Enoki, T. ..... (4) 745
Erbert, G. ..... (2) 309
Erickson, A. ..... (2) 301
Evans, G.H. ..... (9) 1487
Evwaraye, A.O. ..... (5) 863

F

Fach, A. ..... (8) 1366
Falvo, M. ..... (1) 119
Fan, S. ..... (1) 57
Fan, Z. ..... (11) 1703
Faraone, L. ..... (8) 1157
Fatemi, N.S. ..... (4) 755
Faurie, J.P. ..... (8) 1300, (8) 1306, (8) 1402
Feng, L. ..... (9) 1422
Feng, M. ..... (10) 1637
Feng, Z.C. ..... (5) 917, (7) 1044
Field, D. P. ..... (11) 1767
Fijol, J.J. ..... (9) 1474
Finley, D.W. ..... (7) 1128
Fish, G. ..... (6) 965
Fitzgerald, E.A. .... (6) 1009, (7) 1028
Fleissner, J. ..... (9) 1446
Floyd, P.D. ..... (4) 565
Foerstner, J. ..... (1) 13
Folkard, M.A. ..... (9) 1521
Follstaedt, D.M. ..... (1) 157
Foltyn, S.R. ..... (1) 51, (1) 131
Forrest, S.R. ..... (3) 537, (9) 1501
Fournelle, R.A. ..... (6) 992
Freer, R.W. ..... (7) 1060
Freitas, J.A., Jr. ..... (1) 75
Fresina, M.T. ..... (10) 1637
Fritzsche, H. ..... (11) 1772
Fueloop, K. ..... (9) 1521
Fujibayashi, K. ..... (4) 671
Fujii, N. ..... (4) 685
Fujikura, H. ..... (4) 619
Fujita, Sg. ..... (2) 217, (2) 223
Fujita, Sz. ..... (2) 217, (2) 223, (5) 793, (5) 855
Fujiwara, A. ..... (4) 661
Fujiwara, Y. ..... (4) 611
Fukui, T. ..... (3) 431
Fukuzawa, M. ..... (3) 337
Funato, M. ..... (2) 217, (2) 223
Furdyna, J.K. ..... (2) 253
Furumai, M. ..... (11) 1684
Fury, M. ..... (10) 1573

G

Gabbe, D. ..... (3) 331
Gale, I. ..... (9) 1521
Garbuzov, D. ..... (9) 1501
Gardner, J. ..... (1) 75, (5) 885
Gartia, R.K. ..... (2) 321
Ge, Y.-R. ..... (7) 1067, (7) 1072
Gedridge, R.W. Jr. (9) 1434, (9) 1539
Gelmont, B. ..... (5) 777
Gentner, J-L. ..... (4) 571
Ghezzo, M. ..... (1) 75, (5) 885
Gil, B. ..... (2) 183
Giles, N.C. ..... (8) 1247
Gimmnich, P. ..... (3) 443
Glaser, E.R. ..... (5) 851
Göbel, E.O. ..... (3) 443
Gokce, O.H. ..... (9) 1531
Gokhale, M.R. ..... (2) 207
Goldstein, L. ..... (4) 571
Gonda, S. ..... (4) 637
Goodman, S.A. ..... (11) 1695
Goorsky, M.S. ..... (2) 235, (8) 1323
Gordon, N.T. ..... (8) 1139, (8) 1146, (8) 1151, (8) 1276
Gorelik, J. ..... (8) 1221
Goswami, S. ..... (3) 491
Goto, K. ..... (3) 369, (3) 411
Gradinaru, G. ..... (5) 893
Grainger, F. ..... (9) 1521
Gray, A. ..... (2) 259
Griffiths, D..A. ..... (10)1612
Griffiths, P. ..... (1) 75
Grillo, D.C. ..... (2) 263
Grillot, P.N. ..... (7) 1028
Groshens, T.J. ..... (9) 1434
Gross, T.S. ..... (6) 976
Gu, T. ..... (12) 1806
Guha, S. ..... (2) 235
Gunshor, R.L. ..... (2) 263
Guo, S.P. ..... (4) 761
Gürbulak, B. ..... (7) 1054
Gurumurugan, K. ..... (4) 765

H

Haberman, K. ..... (2) 313
Hadji, E. ..... (8) 1388
Hall, R.S. ..... (8) 1139
Haller, E.E. ..... (3) 331, (11) 1703
Hamilton, W.J. ..... (8) 1286
Han, J. ..... (2) 263
Han, S. ..... (11) 1784
Hanebuchi, M. ..... (4) 727
Hanson, C.M. ..... (4) 739
Hansson, G.V. ..... (2) 287
Hara, K. ..... (12) 1801
Hardingham, C.M. ..... (7) 1108
Harman, T.C. ..... (7) 1121
Harris, J.S., Jr. ..... (5) 835
Hartley, R.H. ..... (9) 1521
Hartnagel, H.L. ..... (3) 421
Hartzell, D. ..... (9) 1551
Hase, N. ..... (4) 695
Hasegawa, H. ..... (3) 325, (3) 379, (3) 431, (4) 553, (4) 619, (4) 649
Hashimoto, K. ..... (12) 1823
Hasumi, H. ..... (3) 401
Hattori, R. ..... (4) 559
Haugen, G.M. ..... (2) 235
Hauser, J.R. ..... (3) 527
Hawley, M. ..... (11) 1754
Hayafuji, N. ..... (4) 685
Haynes, T.E. ..... (1) 107
He, L. ..... (3) 379
He, L. ..... (3) 501
He, P. ..... (8) 1406
He, Y.W. ..... (5) 793
Healey, P.D. ..... (2) 207
Heimbuch, M.E. ..... (6) 965
Helgesen, P. ..... (3) 497
Helms, C.R. ..... (8) 1336
Henle, B.U. ..... (10) 1652
Hetherington, D. ..... (10) 1623
Heun, S. ..... (4) 593
Hieslmair, H. ..... (9) 1417
Higuchi, K. ..... (4) 643
Hill, C.W. ..... (9) 1434
Hill, N.A. ..... (2) 269, (7) 1132
Hirahara, K. ..... (8) 1347
Hiramatsu, K. ..... (4) 695
Hirano, R. ..... (3) 343, (3) 347
Hirata, D. ..... (4) 633, (4) 733
Hirt, G. ..... (3) 363
Hits, D. ..... (2) 297
Hobbs, C.C. ..... (7) 1037
Hobson, W.S. ..... (9) 1428
Hoelzer, D.T. ..... (10) 1645
Hoerstel, W. ..... (8) 1203
Hoffman, C.A. ..... (8) 1157
Hoffmann, B. ..... (3) 363
Hofmann, R. ..... (7) 1082
Holander-Gleixner, S. ..... (8) 1336
Holland, O.W. .... (1) 1, (1) 75, (1) 99, (5) 885
Holloway, P.H. ... (9) 1474, (11) 1709
Holm, E.A. ..... (7) 1099
Holmes, A.L., Jr. ..... (6) 965
Honda, D. ..... (2) 223
Hong, J. ..... (9) 1428

Hong, K. ..... (3) 449, (4) 627
Hong, S. ..... (1) 13
Hong, S.K. ..... (6) 925
Hopkins, R.H. ..... (5) 893
Hopp, B. ..... (3) 549
Hornung, B.E. ..... (3) 527
Hosking, F.M. ..... (7) 1099
Hou, H.Q. ..... (6) 1019
Houlton, M.R. ..... (8) 1276
Howard, A.J. ..... (10) 1640
Hsu, J.W.P. ..... (6) 1009
Hu, R. ..... (5) 917
Hu, W. ..... (12) 1837
Hua, G.C. ..... (2) 263
Huang, J. ..... (1) 57
Huang, J.-A. ..... (12) 1818
Huang, M. ..... (1) 13
Huang, Z.C. ..... (7) 1064
Hughes, W.C. ..... (5) 793, (5) 855
Hultman, L. ..... (9) 1495
Hwang, B.-Y. ..... (1) 13
Hwang, C.-Y. ..... (4) 749
Hwang, C.J. ..... (11) 1797
Hwang, D.M. ..... (4) 721

I

Ichii, A. ..... (3) 415
Ichimura, M. ..... (7) 1088
Iguchi, Y. ..... (3) 327, (3) 463
Ikeda, M. ..... (2) 213
Ikoma, N. ..... (3) 439
Imai, K. ..... (2) 245, (8) 1241
Imler, W. ..... (6) 1004
Inomoto, Y. ..... (3) 401
Irvine, K.G. ..... (5) 831
Irvine, S.J.C. ..... (9) 1561
Iseler, G. ..... (3) 331
Ishibashi, A. ..... (2) 213
Ishibashi, Akihiko ..... (5) 799
Ishida, T. ..... (4) 559
Ishihara, O. ..... (4) 559
Ishikawa, H. ..... (11) 1684
Ishino, M. ..... (4) 701
Ishiyama, O. ..... (4) 667
Itaya, K. ..... (4) 565
Itoh, A. ..... (5) 879
Itoh, S. ..... (2) 213
Ivey, D.G. ..... (9) 1478
Iwabuchi, T. ..... (3) 415
Iwasaki, T. ..... (3) 327, (3) 463
Iwata, K. ..... (4) 637
Iyer, S. ..... (1) 119

J

Jackson, A.M. ..... (7) 1128
Jagannadham, K. . (1) 151, (11) 1760
Jain, F.C. ..... (2) 207
Jamba, D. ..... (8) 1411
James, R.B. ..... (8) 1323
Jarry, PH. ..... (4) 571
Jasper, C. ..... (1) 107
Jensen, J.E. ..... (8) 1341, (8) 1411
Jensen, K.F. ..... (4) 771
Jeon, M.H. ..... (2) 177
Ji, R. ..... (12) 1845
Jia, Q.X. ..... (1) 51, (1) 131, (11) 1754
Jian, P. ..... (9) 1478
Jin, S. ..... (7) 1128
Jin-Phillipp, N.Y. ..... (3) 395
John, J. ..... (8) 1366
Johnson, B.A. ..... (9) 1521
Johnson, M.A.L. ..... (5) 793, (5) 855
Johnson, S.M. ..... (8) 1341, (8) 1411
Johs, B. ..... (8) 1406
Jokerst, N.M. ..... (7) 1044, (7) 1093
Jones, A.C. ..... (4) 771, (7) 1060
Jones, A.M. ..... (9) 1514
Jones, C.L. ..... (8) 1139, (8) 1146, (8) 1276
Jones, E.D. ..... (8) 1260
Jones, K.S. ..... (1) 107
Jung, H. ..... (8) 1266

K

Kadoiwa, K. ..... (4) 685
Kaibe, H.T. ..... (4) 577
Kainosho, K. ..... (3) 353
Kalinina, E.V. ..... (5) 831
Kalisher, M.H. ..... (8) 1286
Kalkhoran, N. ..... (1) 43
Kamei, H. ..... (4) 671
Kamlet, L.I. ..... (6) 955
Kammlott, G.W. ..... (7) 1128
Kamra, S. ..... (7) 1093, (11) 1784
Kang, S.H. ..... (2) 293
Kang, S.K. ..... (7) 1113
Kanicki, J. ..... (12) 1806
Karam, N.H. ..... (8) 1209, (8) 1318
Karlsteen, M. ..... (9) 1495
Katoh, T. ..... (3) 357
Katoh, T. ..... (4) 727
Kaufman, F.B. ..... (6) 976
Kaufmann, B. ..... (7) 1082
Kawaguchi, K. ..... (8) 1362
Kawaguchi, Y. ..... (4) 637
Kawakami, Y. ..... (2) 223
Kawamoto, K. ..... (8) 1362
Keane, J. ..... (12) 1806
Keller, B. ..... (11) 1715
Keller, R.C. ..... (8) 1270, (8) 1293
Kelner, G. ..... (1) 75, (5) 885
Kelz, T. ..... (8) 1203
Kennedy, T.A. ..... (5) 851
Khan, A. ..... (2) 297
Khan, A.H. ..... (1) 113
Kibbel, H. ..... (2) 287
Kikuchi, A. ..... (3) 425
Kikuno, E. ..... (4) 657
Kim, C.-K. ..... (8) 1266
Kim, C.-U. ..... (2) 293
Kim, D.-S. ..... (3) 537, (9) 1501
Kim, H.M. ..... (3) 485
Kim, J.S. ..... (8) 1215
Kim, S.I. ..... (6) 925
Kim, W. ..... (11) 1703
Kimoto, T. ..... (5) 879
Kimura, T. ..... (3) 369
Kincses, ZS. ..... (3) 549
King, S.W. ..... (5) 805
Kishino, K. ..... (3) 425
Kisielowski, C. ..... (9) 1545
Kissinger, W. ..... (2) 287
Kita, T. ..... (4) 661
Kitamura, J. ..... (12) 1801
Kitani, H. ..... (2) 217
Kito, M. ..... (4) 701
Kjebon, O. ..... (3) 389
Klimecky, P. ..... (6) 955
Kluender, J.F. ..... (9) 1514
Kobayashi, M. ..... (2) 195
Kobayashi, N. ..... (4) 691, (9) 1527
Kobayashi, Y. ..... (4) 691
Kocsis, Z. ..... (3) 549
Kodama, S. ..... (4) 649
Kohiro, K. ..... (12) 1841, (3) 343
Kohn, E. ..... (10) 1652
Koide, Y. ..... (11) 1684, (12) 1823
Koinuma, H. ..... (4) 667
Kolbas, R.M. ..... (4) 749
Kolodzey, J. ..... (2) 297
Kondo, S. ..... (3) 385
Konishi, R. ..... (4) 559
Kopanski, J. ..... (2) 301
Korman, R. ..... (10) 1608
Korony, G. ..... (5) 893
Kothandaraman, M. ..... (5) 875
Koza, M.A. ..... (3) 491
Kozen, A. ..... (3) 431
Kozlowski, L.J. ..... (8) 1394
Kramer, C. ..... (10) 1633
Krause, S.J. ..... (1) 7
Kretchmer, J. ..... (1) 75, (5) 885
Kretzer, U. ..... (3) 363
Krier, A. ..... (9) 1439
Krishnamurthy, S. ..... (8) 1254
Krishnankutty, S. ..... (4) 749
Kroll, W. ..... (4) 749
Krygowski, T. ..... (11) 1784
Krystek, W. ..... (2) 259
Kudo, M. ..... (4) 643, (6) 944
Kuehn, R.T. ..... (3) 527
Kühnel, G. ..... (3) 363
Kukimoto, H ..... (12) 1801
Kumar, D. ..... (11) 1760
Kumar, V. ..... (9) 1521
Kuo, C.P. ..... (6) 1004
Kuo, J.M. ..... (6) 1009
Kuo, L.H. ..... (2) 239
Kurakake, H. ..... (4) 581
Kurtenbach, A. ..... (3) 395
Kusunoki, T. ..... (3) 357
Kutcher, S.W. ..... (8) 1383
Kuze, N. ..... (3) 415
Kuznetsov, N.I. ..... (5) 831
Kyler, K. ..... (11) 1715

L

Lacy, M. ..... (10) 1628
Lai, L.-P. ..... (11) 1715
Lai, Y.-L. ..... (12) 1818
Lam, Y.W. ..... (9) 1451, (12) 1837
Lambers, E.S. ..... (9) 1428
Lammert, R.M. ..... (9) 1514
Lan, J.-H. ..... (12) 1806
Lancaster, R.A. ..... (8) 1215
Landgren, G. ..... (3) 389
Landrum, G. ..... (11) 1754
Lange, M. ..... (9) 1501
Larkins, E.C. ..... (9) 1446
Lau, S.S. ..... (1) 107
Laub, W. ..... (6) 992

Lauer, S. ..... (7) 1082
Lee, B.-J. ..... (6) 983
Lee, D.-G. ..... (1) 137
Lee, H. ..... (5) 835
Lee, H.C. ..... (8) 1266
Lee, J.D. ..... (1) 7
Lee, J.W. ..... (5) 845, (9) 1428
Lee, K.-J. ..... (7) 1064
Lee, P.S. ..... (6) 992
Lee, S.Y. ..... (6) 972
Lee, T.-L. ..... (9) 1469
Leitch, W. E. ..... (10) 1652
Lester, S. ..... (6) 1004
Lester, T.P. ..... (9) 1478
Leung, K.M. ..... (9) 1451
Li, Y. ..... (4) 749
Li, Y.B. ..... (6) 925
Liang, C.S. ..... (8) 1188
Liao, P.K. ..... (8) 1157
Liaw, B.Y. ..... (1) 113
Lie, D.Y.C. ..... (1) 87
Lieber, C. M. ..... (1) 57
Liliental-Weber, Z. ..... (9) 1545
Lin, H.-H. ..... (9) 1469
Lin, T.-C. ..... (4) 577
Lin, X. ..... (5) 811
Lince, J.R. ..... (1) 69
Lindo, S.E. ..... (2) 235
Linke, R.A. ..... (2) 229
Lipkin, L.A. ..... (5) 899, (5) 909
List, R.S. ..... (8) 1375
Littler, C.L. ..... (8) 1196
Liu, H. ..... (6) 1004
Liu, H.S. ..... (11) 1790
Liu, J.-S. ..... (9) 1469
Liu, S. ..... (3) 513
Lorberth, J. ..... (3) 443
Lorenzo, J.P. ..... (3) 325, (4) 553, (4) 603, (4) 709
Lourdudoss, S. ..... (3) 389
Løvold, S. ..... (3) 497
Lu, F. ..... (1) 43
Lu, T.-M. ..... (11) 1778
Lu, Y. ..... (4) 749
Ludowise, M. ..... (6) 1004
Lund, J.C. ..... (8) 1323
Luo, H. ..... (2) 253
Luo, J.K. ..... (12) 1832
Lux, G.E. ..... (8) 1165

M

Maaref, H. ..... (12) 1851
Machusak, D.M. ..... (7) 1128
Mackenzie, J.D. ..... (5) 845
Maeba, H. ..... (8) 1362
Maeda, T. ..... (4) 667
Maejima, T. ..... (8) 1362
Maeyama, S. ..... (4) 593
Magnea, N. ..... (8) 1388
Magruder, R.H., III ..... (1) 27
Makimoto, T. ..... (9) 1527
Makita, K. ..... (3) 375
Mamor, M. ..... (11) 1748
Manfra, M.J. ..... (7) 1121
Mangalam, B. ..... (1) 119
Mangalaraj, D. ..... (4) 765
Mannoh, M. ..... (5) 799
Mao, D. ..... (9) 1422
Mao, D.H. ..... (8) 1336
Mao, Y. ..... (9) 1439
Martin, E.A. ..... (4) 603, (4) 709
Martin, G. ..... (9) 1551
Martin, T. ..... (7) 1060
Martínez, M.A. ..... (9) 1463
Martinka, M. ..... (8) 1406
Martino, C.A. ..... (10) 1637
Maruyama, K. ..... (8) 1353
Masek, J. ..... (8) 1366
Massie, S. ..... (9) 1551
Masuda, K. ..... (1) 3
Mathur, D. ..... (11) 1778
Matsuda, K. ..... (4) 733
Matsui, Y. ..... (4) 701
Matsumoto, H. ..... (6) 944
Matsunami, H. ..... (5) 879
Matsuoka, T. ..... (4) 637
Matsushita, K. ..... (8) 1347
Maxey, C.D. ..... (8) 1139, (8) 1146, (8) 1276
May, G. ..... (11) 1784
Mayer, J.W. ..... (1) 107
Mayo, W.E. ..... (4) 749
Mazumdar, P.S. ..... (2) 321
McAllister, A. ..... (6) 1014
McCormack, M. ..... (7) 1128
McDonald, J.F. ..... (11) 1778
McHugo, S.A. ..... (9) 1417
McIntyre, D.C. ..... (1) 81
McLevige, W.V. ..... (8) 1312
Medernach, J.W. ..... (1) 157
Meinhardt, J. ..... (7) 1082
Meisen, P. ..... (8) 1293
Melloch, M.R. ..... (5) 775, (5) 899
Menna, R. ..... (9) 1501
Merz, J.L. ..... (4) 565
Metcalfe, N.E. ..... (8) 1139, (8) 1146, (8) 1276
Meyer, F. ..... (11) 1748
Meyer, J.R. ..... (8) 1157
Meyer, W.E. ..... (11) 1695
Miao, Y.B. ..... (9) 1458
Michael, J.R. ..... (7) 1099
Mihashi, Y. ..... (3) 369, (3) 411
Mileham, J.R. ..... (5) 845
Miles, D.S. ..... (3) 527
Miller, A.E. ..... (10) 1585
Miller, S. ..... (11) 1709
Mills, R.E. ..... (8) 1286
Mimila-Arroyo, J. ..... (12) 1851
Minamide, M. ..... (8) 1362
Mishima, T. ..... (4) 643, (6) 944
Mishra, K.K. ..... (10) 1599
Misra, V. ..... (3) 527
Mitchel, W.C. ..... (5) 863, (5) 893
Mitchell, T.E. ..... (1) 51, (1) 131, (11) 1754
Mitra, P. ..... (8) 1328
Miura, T. ..... (3) 369, (3) 411
Miya, S. ..... (3) 415
Miyamoto, H. ..... (4) 555
Miyazaki, S. ..... (4) 577
Miyazaki, T. ..... (4) 597
Mobley, P. ..... (11) 1715
Mohammad, S.N. ..... (11) 1703
Mohney, S.E. ..... (5) 811
Mohr, J. ..... (11) 1715
Mojzes, I. ..... (3) 549
Monarch, K. ..... (11) 1715
Mondry, M.J. ..... (4) 565, (6) 948
Montano, P.A. ..... (8) 1306
Morante, J.R. ..... (3) 541
Morgan, D.V. ..... (12) 1832
Mori, M. ..... (4) 643
Morita, E. ..... (2) 213
Morita, K. ..... (4) 727
Morita, T. ..... (3) 425
Morkoç, H. ..... (11) 1703
Morris, J.W., Jr. ..... (2) 293
Morse, D.H. ..... (8) 1323
Morton, R. ..... (1) 107
Muenchausen, R.E. ..... (1) 51, (1) 131
Muller, U. ..... (8) 1203
Müller, G. ..... (3) 363
Müller, P. ..... (8) 1366
Mulligan, W.P. ..... (6) 935
Mullin, J.B. ..... (8) 1260
Munekata, H. ..... (12) 1801
Murakami, K. ..... (1) 3
Murakami, M. ..... (11) 1684, (12) 1823
Murakami, S. ..... (8) 1353
Muramatsu, S. ..... (3) 415
Murarka, S.P. ..... (10) 1593
Myburg, G. ..... (11) 1695
Myers, S.M. ..... (1) 157
Myers, T.H. ..... (8) 1247

N

Nagase, K. ..... (3) 415
Nagashima, M. ..... (8) 1347, (8) 1353, (8) 1358
Nagatake, T. ..... (2) 195
Nahm, S. ..... (3) 485
Nakahara, M. ..... (4) 657
Nakajima, K. ..... (3) 357
Nakamura, M. ..... (3) 353
Nakamura, S. ..... (5) 851
Nakamura, T. ..... (3) 401, (3) 457
Nakano, K. ..... (2) 213
Nakao, M. ..... (3) 385
Nakashima, K. ..... (3) 385
Nakata, F. ..... (8) 1347
Nakata, H. ..... (4) 611
Nakata, T. ..... (5) 879
Nakayama, H. ..... (4) 661
Nakayama, T. ..... (4) 555
Namavar, F. ..... (1) 43
Nan, H.Y. ..... (1) 3
Narayan, J. ..... (1) 143, (1) 151, (11) 1661, (11) 1662, (11) 1673, (11) 1740, (11) 1760
Narayandass, Sa.K. ..... (4) 765
Nathan, M.I. ..... (2) 305
Nemanich, R.J. ..... (5) 805
Nemirovsky, Y. ..... (8) 1221, (8) 1318
Neubauer, G. ..... (2) 301
Ng, T.B. ..... (2) 263
Ni, W.-X. ..... (2) 287
Nicolet, M.-A. ..... (1) 87
Nielsen, B. ..... (1) 99
Nilsson, S. ..... (2) 287
Nishida, C. ..... (4) 577

Nishihara, T. ..... (4) 667
Nishijima, Y. ..... (8) 1353, (8) 1358
Nishino, H. ..... (8) 1353, (8) 1358
Nishino, T. ..... (4) 661
Nitta, J. ..... (4) 745
Noda, A. ..... (12) 1841
Noda, T. ..... (4) 715
Noguchi, Y. ..... (3) 385
Noll, F. ..... (3) 395
Nomura, I. ..... (3) 425
Nonogaki, Y. ..... (4) 611
Norton, P.W. ..... (8) 1157, (8) 1183
Nötzel, R. ..... (3) 431
Novak, S.W. ..... (5) 869
Nozaki, C. ..... (4) 715
Nur, O. ..... (9) 1495
Nurmikko, A.V. ..... (2) 263

O

O'Keefe, E.S. ..... (6) 1014
Oberman, D.B. ..... (5) 835
Ochiai, K. ..... (4) 585
Oda, O. ..... (3) 343, (3) 353, (12) 1841
Ogura, T. ..... (4) 637
Oh, C.-S. ..... (6) 983
Oh, D.K. ..... (3) 485
Ohbu, I. ..... (6) 944
Ohki, A. ..... (4) 637
Ohkouchi, S. ..... (3) 439
Ohta, M. ..... (3) 353
Ohtani, F. ..... (4) 667
Ohyama, T. ..... (4) 611
Oikawa, T. ..... (11) 1684
Oishi, E. ..... (4) 555
Okamoto, T. ..... (8) 1353, (8) 1358
Oktyabrsky, S. (11) 1662, (11) 1673, (11) 1760
Oku, S. ..... (4) 585
Oku, T. ..... (11) 1684, (12) 1823
Okumura, T. ..... (4) 577
Olsen, G.H. ..... (9) 1501
Olsen, R.W. ..... (8) 1323
Olson, J.C. ..... (1) 81
Onuma, K. ..... (3) 407
Orders, P.J. ..... (9) 1521
Orner, B.A. ..... (2) 297
Orr, B.G. ..... (3) 479
Osburn, C.M. ..... (11) 1725
Oshima, M. ..... (4) 593
Osseo-Asare, K. ..... (10) 1599
Otsuka, N. ..... (4) 701
Otsuki, A. ..... (11) 1684
Ozaki, M. ..... (3) 415
Öztürk, M.C. ..... (7) 1037

P

Pacaud, Y. ..... (3) 541
Paglino, C. ..... (8) 1366
Pal, D. ..... (4) 677
Palmer, J.W. ..... (10) 1645
Palmour, J.W. ..... (5) 899, (5) 909
Pamulapati, J. ..... (3) 479
Parakkat, R. ..... (1) 119
Parikh, A. ..... (8) 1203
Parikh, N. ..... (1) 119
Park, B. ..... (1) 23
Park, H.-H. ..... (6) 972
Park, H.-M. ..... (3) 485
Park, M.-H. ..... (4) 721
Park, R.M. ..... (2) 177, (9) 1474
Park, Y. ..... (9) 1554
Parker, E.H.C. ..... (2) 287
Parmiter, P.J.M. ..... (9) 1506
Parodos, T. ..... (8) 1209, (8) 1318
Parsey, J.M., Jr. ..... (11) 1715
Pasko, J.G. ..... (8) 1312, (8) 1394
Patnaik, B. ..... (1) 119
Pautrat, J.L. ..... (8) 1388
Pavlidis, D. (3) 449, (4) 627, (9) 1554
Pearson, S.D. ..... (8) 1203
Pearton, S.J. ..... (5) 839, (5) 845, (9) 1428, (10) 1640
Pellegrino, S. ..... (3) 519
Pérez-Rodríguez, A. ..... (3) 541
Perry, C.H. ..... (1) 43
Petcu, M.C. ..... (8) 1247
Petersen, G.A. ..... (1) 157
Peterson, D.E. ..... (1) 51, (1) 131
Peterson, M.W. ..... (10) 1633
Phillipp, F. ..... (3) 395
Phillips, T.J. ..... (8) 1139, (8) 1146, (8) 1151
Pickett, J. ..... (2) 297
Ping, A.T. ..... (5) 819, (5) 825
Pinhède, L.F. ..... (8) 1172
Pinto, R. ..... (11) 1760
Ploog, K. ..... (5) 787
Poehler, T.O. ..... (8) 1383
Pohl, M.C. ..... (10) 1612
Poker, D.B. ..... (1) 23
Pollack, F.H. ..... (2) 259
Presting, H. ..... (2) 287
Procop, M. ..... (2) 309
Protzmann, H. ..... (3) 443
Purushothaman, S. ..... (7) 1113
Pyun, K.E. ..... (3) 485

Q

Qin, S. ..... (3) 507

R

Racanelli, M. ..... (1) 13
Radhakrishnan, G. ..... (1) 69
Radhakrishnan, K. ..... (9) 1458
Rai, R.S. ..... (7) 1113
Rajan, K. ..... (10) 1573, (10) 1581
Rajaval, R.D. ..... (8) 1341, (8) 1411
Rajkumar, K.C. ..... (7) 1044
Ralston, J.D. ..... (9) 1446
Ramseyer, G.O. ..... (4) 709
Rao, M.V. ..... (1) 75, (5) 885
Rechenberg, I. ..... (2) 309
Reeber, R.R. ..... (1) 63
Reese, D.J. ..... (8) 1157
Regolini, J. L. ..... (11) 1748
Reine, M.B. ..... (8) 1215, (8) 1328
Rej, D.J. ..... (1) 81
Ren, F. ..... (5) 845, (9) 1428
Ren, J. ..... (5) 793
Ressler, K.G. ..... (1) 35
Rhiger, D.R. ..... (8) 1188, (8) 1286
Richards-Babb, M. ..... (8) 1247
Richter, H.J. ..... (8) 1270, (8) 1293
Ricker, R.E.. ..... (10) 1585
Ringel, S.A. ..... (7) 1028
Ripka, G. ..... (3) 549
Robinson, H.G. ..... (8) 1336
Rodricks, B. ..... (8) 1306
Rodríguez Messmer, E. ..... (3) 389
Roe, K. ..... (2) 297
Rogers, M. ..... (2) 301
Rohatgi, A. ..... (5) 917, (7) 1093, (11) 1784
Roitman, P. ..... (1) 7
Roth, J.A. ..... (8) 1411
Roth, M. ..... (5) 863
Rowland, W.H., Jr. .. (5) 793, (5) 855
Runnels, S.R. ..... (10) 1574
Rushworth, S.A. ..... (7) 1060
Ruvimov, S. ..... (9) 1545
Ruzin, A. ..... (8) 1221, (8) 1318
Ryding, G. ..... (1) 93

S

Sabee, J.M. ..... (6) 992
Sadwick, L.P. ..... (2) 301, (9) 1434
Sah, R.E. ..... (9) 1446
Sahin, T. ..... (9) 1531
Sainio, C.A. ..... (10) 1593
Saito, T. ..... (8) 1353, (8) 1358
Sakamoto, Y. ..... (4) 597, (4) 633
Sakata, Y. ..... (3) 401
Salagaj, T. ..... (4) 749
Salamanca-Riba, L. ..... (2) 239
Salim, S. ..... (4) 771
Samoto, N. ..... (4) 555
Sanchez, J. ..... (11) 1661
Sankur, H.O. ..... (9) 1561
Santana, C.J. ..... (9) 1428
Sasaki, A. ..... (4) 715
Sasaki, H. ..... (4) 559
Sato, K. ..... (3) 407
Satoh, K. ..... (4) 611
Sawada, T. ..... (2) 245, (8) 1241
Sawaki, N. ..... (4) 695
Schaake, H.F. ..... (8) 1375
Schaefer, M. ..... (6) 992
Schäfer, P. ..... (8) 1203
Schetzina, J.F. ..... (5) 793, (5) 855
Schieber, M. ..... (8) 1323
Schlesinger, T.E. ..... (8) 1323
Schmitz, A.C. ..... (5) 825
Schurman, M. ..... (4) 749
Scrivner, B.L. ..... (11) 1715
Se, K.P. ..... (5) 917
Seaford, M.L. ..... (9) 1551
Sears, J.T. ..... (9) 1531
Seelmann-Eggebert, M. ..... (8) 1270, (8) 1293
Seiler, D.G. ..... (8) 1215
Séjalon, F. ..... (4) 627
Semendy, F. ..... (2) 259
Sen, S. ..... (8) 1188, (8) 1286
Serre, C. ..... (3) 541
Sethi, S. ..... (3) 467
Sethuraman, A. R. ..... (10) 1617
Seto, S. ..... (8) 1241
Shao, X. ..... (2) 297
Sharma, V.K.M. ..... (7) 1108
Shen, G. ..... (9) 1521
Shen, X.C. ..... (4) 761

Sheng, J. ..... (8) 1165
Sheppard, S.T. ..... (5) 899
Sher, A. ..... (8) 1254
Shetty, R. ..... (8) 1134
Shi, Z.Q. ..... (3) 501
Shibasaki, I. ..... (3) 415
Shibata, Y. ..... (4) 585
Shigenaka, K. ..... (8) 1347
Shih, H.D. ..... (8) 1371
Shim, J.-H. ..... (6) 983
Shimizu, M. ..... (4) 633
Shin, H. ..... (1) 13
Shin, H.C. ..... (1) 13
Shinohara, M. ..... (4) 667
Shiota, M. ..... (4) 633
Shirafuji, J. ..... (4) 597, (4) 633, (4) 733
Shiraishi, K. ..... (12) 1801
Short, S.W. ..... (2) 253
Shorten, P.J. ..... (8) 1406
Shui, X. ..... (6) 930
Shul, R.J. ..... (5) 845
Shur, M. ..... (5) 777
Silverman, P.J. ..... (6) 1009
Simmons, J.H. ..... (2) 177
Simons, D.S. ..... (5) 885
Singh, E.D. ..... (2) 321
Singh, J. ..... (3) 479
Singh, R.K. ..... (1) 1, (1) 125, (1) 137
Singh, S.D. ..... (2) 321
Singley, K.M. ..... (8) 1406
Sinn, M.T. ..... (2) 313
Sivananthan, S. ..... (8) 1300, (8) 1306, (8) 1402
Sizmann, R. ..... (3) 497
Skauli, T. ..... (3) 497
Skorupa, W. ..... (3) 541
Smick, T.H. ..... (1) 93
Smith, D.J. ..... (8) 1402
Smith, L.L. ..... (5) 805
Smith, S.R. ..... (5) 863
Snyder, C.W. ..... (3) 479
Socha, A. ..... (8) 1183
Soda, H. ..... (4) 581
Soda, K. ..... (4) 727
Song, J.H. ..... (1) 87
Sonnenberg, N. ..... (1) 35
Sonoda, T. ..... (4) 559, (4) 685
Soref, R.A. ..... (1) 43
Sotomayor Torres, C.M. ..... (2) 287
Souifi, A. ..... (7) 1023
Spaziani, S.M. ..... (4) 603
Spears, D.L. ..... (7) 1121
Spika, Z. ..... (3) 443
Spill, B. ..... (3) 443
Stacy, T. ..... (1) 113
Stadler, B.J.H. ..... (4) 709
Stall, R.A. ..... (4) 749, (5) 839, (9) 1487
Stannard, J.E. ..... (8) 1188
Stanton, C.J. ..... (2) 177
Starr, R. ..... (8) 1328
Steckl, A.J. ..... (5) 869
Steele, T.A. ..... (9) 1521
Steen, H. ..... (8) 1146
Steigerwald, D. ..... (6) 1004
Steigerwald, J. ..... (10) 1593
Stein, D. ..... (10) 1623
Stewart, N.M. ..... (8) 1260
Stievenard, D. ..... (12) 1851
Stillman, G.E. ..... (10) 1637
Stinnett, R.W. ..... (1) 81
Stolz, W. ..... (3) 443
Stout, T. ..... (10) 1623
Stringfellow, G.B. (9) 1434, (9) 1539
Suda, J. ..... (2) 223
Sudarshan, T.S. ..... (5) 893
Sudharsanan, R. ..... (8) 1209, (8) 1318
Sue, L. ..... (11) 1715
Sugino, T. ..... (4) 597, (4) 633, (4) 733
Sugiura, L. ..... (8) 1347
Sugiura, T. ..... (4) 695
Sugiyama, M. ..... (4) 593
Suh, K.S. ..... (3) 485
Sumino, J. ..... (4) 637
Summers, C.J. ..... (8) 1203
Sun, J. ..... (11) 1725
Sundgren, J.-E. ..... (9) 1495
Suzue, K. ..... (11) 1703
Suzuki, A. ..... (12) 1823
Suzuki, K. ..... (2) 245, (8) 1241
Suzuki, S. ..... (4) 649
Suzuki, T. ..... (3) 357
Svoronos, S.A. ..... (9) 1561
Swaminathan, S. ..... (9) 1458
Swanson, J.G. ..... (9) 1506
Syassen, K. ..... (3) 395

T

Tabuchi, M. ..... (4) 671
Tadanaga, O. ..... (12) 1823
Taguchi, K. ..... (3) 375
Takahashi, N. ..... (4) 633
Takamiya, S. (3) 369, (4) 559, (4) 685
Takayanagi, H. ..... (4) 745
Takeda, Y. ..... (4) 611, (4) 671
Takeishi, H. ..... (5) 799
Takemi, M. ..... (3) 369, (3) 411
Takemoto, A. ..... (3) 411
Takeuchi, R. ..... (3) 407
Takeuchi, T. ..... (3) 375
Takizawa, T. ..... (4) 657
Takojima, N. ..... (8) 1241
Tamamura, T. ..... (3) 431
Tamargo, M.C. ..... (2) 171, (2) 229, (2) 259
Tamura, M. ..... (3) 439
Tang, D. ..... (8) 1176
Tang, J. ..... (9) 1422
Tang, Y.S. ..... (2) 287
Tanimoto, T. ..... (6) 944
Tarsa, E.J. ..... (6) 948
Temmyo, J. ..... (3) 431
Tennant, W.E. ..... (8) 1312
Teraguchi, N. ..... (12) 1823
Terakado, T. ..... (3) 401, (3) 457
Terry, F.L., Jr. ..... (6) 955
Theodore, L.M. ..... (4) 709
Theodore, N.D. ..... (1) 87
Thio, T. ..... (2) 229
Thomas, E.W. ..... (7) 1093
Thomas, H. ..... (12) 1832
Thomas, M. ..... (10) 1645
Thomas, S. ..... (10) 1637
Thompson, A.G. ..... (9) 1487
Tin, C.C. ..... (5) 917
Tiwari, P. ..... (1) 51, (1) 131
Tober, R.L. ..... (3) 479
Tobin, S.P. ..... (8) 1157, (8) 1183
Tomiya, S. ..... (2) 213
Tomm, J.W. ..... (8) 1203
Tomomura, Y. ..... (12) 1823
Tomozawa, H. ..... (4) 649
Tompa, G.S. ..... (6) 925
Toney, J. ..... (8) 1323
Torikai, T. ..... (3) 401, (3) 457
Tower, J.P. ..... (8) 1183
Tran, T.K. ..... (8) 1203
Trefny, J.U. ..... (9) 1422
Tregilgas, J.H. ..... (8) 1183
Trexler, J.T. ..... (9) 1474
Trivedi, S. ..... (8) 1383
Tsai, J.Y. ..... (11) 1725
Tsen, S.-C.Y. ..... (8) 1402
Tsuji, M. ..... (3) 375
Tsuka, M. ..... (2) 223
Tu, C.W. ..... (6) 1019, (7) 1049
Tu, Y.K. ..... (11) 1797
Turner, J.A. ..... (10) 1633
Tüzemen, S. ..... (7) 1054
Tyan, Y.L. ..... (8) 1328

U

Uchida, M. ..... (3) 347, (3) 353
Uchida, T. ..... (4) 581
Uchikoshi, M. ..... (8) 1347, (8) 1353, (8) 1358
Udagawa, T. ..... (3) 407
Uenoyama, T. ..... (2) 173
Uji, T. ..... (3) 457
Ukita, M. ..... (2) 213
Ulrich, C. ..... (3) 395
Usami, A. ..... (7) 1088
Uslu, C. ..... (1) 23
Usuda, M. ..... (3) 407

V

Vaccaro, K. ..... (4) 603, (4) 709
Valocchi, S. ..... (11) 1715
Van Scyoc, J.M. ..... (8) 1323
Varga, I.K. ..... (9) 1521
Vartuli, C.B. ..... (5) 839, (5) 845, (10) 1640
Venzor, G.M. ..... (8) 1341, (8) 1411
Vispute, R.D. ..... (1) 143, (1) 151, (11) 1740, (11) 1760
Vitali, L. ..... (3) 519
Vydyanath, H.R. ..... (8) 1383

W

Wada, H. (8) 1347, (8) 1353, (8) 1358
Wada, O. ..... (3) 325, (4) 553
Waganaar, W.J. ..... (1) 81
Wagner, B.K. ..... (8) 1203
Wahab, Q. ..... (9) 1495
Wakita, K. ..... (3) 385
Wallace, J.P. ..... (8) 1134
Wang, A. ..... (2) 201
Wang, C. ..... (11) 1797
Wang, C.A. ..... (4) 771
Wang, C.M. ..... (11) 1797
Wang, J.-F. ..... (10) 1617
Wang, K. ..... (1) 63

Wang, L. ..... (2) 177
Wang, L. ..... (8) 1165
Wang, L.C. ..... (4) 721
Wang, S.C. ..... (11) 1797
Wang, W.H. ..... (11) 1797
Wang, Y. ..... (5) 899
Warren, P. ..... (7) 1023, (11) 1748
Wartlick, B.O. ..... (8) 1172
Washburn, J. ..... (9) 1545
Watanabe, M. ..... (5) 879
Webb, D.P. ..... (9) 1451, (12) 1837
Webb, J.M. ..... (6) 935
Weber, E.R. ..... (9) 1417
Wee, A.T.S. ..... (5) 917
Weisser, S. ..... (9) 1446
Weizer, V.G. ..... (4) 755
Westphal, G.H. ..... (8) 1371
Westwood, D. ..... (12) 1832
Wetteroth, T. ..... (1) 13
Weyers, M. ..... (2) 309
Whaley, K.B. ..... (2) 269, (7) 1132
Whall, T.E. ..... (2) 287
Whitaker, T.J. ..... (7) 1060
White, A.M. ..... (8) 1139, (8) 1146, (8) 1276
Wiedemeier, H. .... (7) 1067, (7) 1072
Wijewarnasuriya, P.S. ..... (8) 1300
Willander, M. ..... (9) 1495
Williams, B.L. ..... (8) 1336
Williamson, F. ..... (2) 305
Willoughby, A.F.W. ..... (7) 1108
Wilson, D.J. ..... (8) 1146
Wilson, M.R. ..... (9) 1439
Wilson, R.G. ..... (2) 297, (5) 845
Wilson, S.R. ..... (1) 13
Wittig, J.E. ..... (1) 27
Woitech, A. ..... (3) 363
Wolf, D. ..... (3) 363
Wolfgram, F.C. ..... (8) 1406
Wong, C.K.H. ..... (9) 1451
Woo, W.W. ..... (9) 1561
Woodall, J.M. ..... (11) 1662
Woollam, J.A. ..... (8) 1406
Wortman, J.J. ..... (3) 527, (7) 1037
Wu, H. ..... (1) 143
Wu, J.-W. ..... (12) 1818
Wu, O.K. ..... (8) 1341, (8) 1411
Wu, X. ..... (6) 935
Wu, X.D. .... (1) 51, (1) 131, (11) 1754
Wu, X.M. ..... (11) 1778

X

Xie, L. ..... (1) 99
Xie, Y.H. ..... (6) 1009
Xin, S.H. ..... (2) 253
Xu, Q. ..... (6) 1009
Xu, X. ..... (3) 527

Y

Yabuuchi, Y. ..... (4) 701, (5) 799
Yajima, K. ..... (4) 559
Yamabayashi N. ..... (3) 327, (3) 463
Yamada, M. ..... (3) 337
Yamada, N. ..... (4) 671
Yamagata, Y. ..... (2) 245
Yamamoto, Y. ..... (4) 685
Yamamura, I. ..... (4) 733
Yamazaki, S. ..... (4) 581
Yang, B.X. ..... (3) 379
Yang, G.-R. ..... (11) 1778
Yang, H. ..... (5) 787
Yang, S. ..... (3) 513
Yang, Y.D. ..... (11) 1797
Yasuda, K. ..... (8) 1362
Yildirim, M. ..... (7) 1054
Yin, A. ..... (2) 253
Yoganathan, M. ..... (5) 869
Yoğurtçu Y.K. ..... (7) 1054
Yoneyama, S. ..... (3) 463
Yoo, S.S. ..... (8) 1300, (8) 1306
Yoon, H. ..... (8) 1323
Yoon, S.F. ..... (9) 1458, (12) 1845
Yoshida, H. ..... (2) 213
Yoshida, Hideaki ..... (7) 1088
Yoshida, N. ..... (4) 559, (4) 685
Yoshida, T. ..... (2) 195
Yoshikawa, A. ..... (2) 195
Yoshimoto, M. ..... (4) 667
Yoshimoto, N. ..... (3) 385
Yost, F.G. ..... (7) 1099
Yu, J.E. ..... (8) 1336
Yu, P.W. ..... (5) 863
Yu, Zhonghai ..... (8) 1247
Yu, Zhengchen ..... (8) 1383
Yuan, C. ..... (4) 749, (5) 839
Yuan, S.X. ..... (4) 761
Yue, D.-F.. ..... (10) 1585

Z

Zach, F.X. ..... (3) 331
Zandian, M. ..... (8) 1312, (8) 1394
Zavada, J.M. ..... (5) 845
Zawadzki, P. ..... (9) 1487
Zeimer, U. ..... (2) 309
Zemke, D. ..... (3) 363
Zeng, L. ..... (2) 259
Zhang, J.M. ..... (4) 761
Zhang, Z.J. ..... (1) 57
Zheng, Y.D. ..... (3) 501
Zhmurkin, D.V. ..... (6) 976
Zhou, D.S. ..... (1) 99
Zhu, Y. ..... (4) 633
Zimmermann, G. ..... (3) 443
Zimmermann, H. ..... (8) 1293
Zogg, H. ..... (8) 1366
Zolper, J.C. ..... (5) 839, (10) 1640
Zuhr, R.A. ..... (1) 27

$(AlP)_n(GaP)_n$ ..... (12) 1801
$(NH_4)_2S_x$-treatment ..... (4) 593
(Zn,Cd,Mg)Se ..... (2) 259
(111)A ..... (3) 463
(111)B ..... (3) 463
(111)B oriented AlAs/GaAs/AlAs double barrier resonant tunneling ..... (2) 305
(311)A/(411)A facets ..... (4) 619
1/f noise ..... (3) 549
1.5 μm ..... (4) 565
1.54 μm emission ..... (1) 43
2.0–2.6 μm wavelength ..... (9) 1501
4H-SiC ..... (5) 917
6H-SiC ..... (3) 541

A

ablation ..... (1) 125
abrasives ..... (10) 1612
abrupt InGaAs/InP MQW interfaces ..... (3) 457
absorption ..... (12) 1837
activation ..... (5) 893
activation energy ..... (5) 899
admittance spectroscopy ..... (5) 863, (12) 1832
adsorption ..... (8) 1353
Ag ..... (4) 727
Ag/Zn/Ag metallization ..... (4) 755
Al ..... (1) 75, (10) 1585
Al-Cu-Si ..... (2) 293
Al-doped zinc oxide ..... (12) 1806
AlGaAs ..... (4) 771, (7) 1060, (7) 1064, (9) 1487
Al-Ga-As-dopant ..... (9) 1463
AlGaAs/GaAs ..... (9) 1478, (9) 1527
AlGaAsSb ..... (3) 415
AlGaInAs ..... (4) 565, (6) 948
$Al_xGa_{1-x}N$ ..... (5) 793
AlInAs ..... (4) 733
AlInAs/InGaAs/InP HEMT ..... (4) 559, (4) 685
AlInP ..... (9) 1428
alloy scattering ..... (8) 1241
alloy semiconductor ..... (4) 695
AlN ..... (1) 69
Al/Ni contact ..... (4) 577
Al_2O_3 ..... (5) 799
alpha-Sn ..... (8) 1293
aluminum ..... (10) 1617
aluminum nitride ..... (1) 113, (6) 1004
aluminum precursor ..... (4) 771
amorphization ..... (3) 541
amorphous indium oxide ..... (11) 1772
angle resolved x-ray photoemission spectroscopy (ARXPS) depth profiling ..... (8) 1293
annealing ..... (1) 75, (1) 119, (3) 353, (3) 363, (8) 1188, (8) 1353, (8) 1383, (12) 1841
anodization ..... (4) 657
antiphase ..... (8) 1353
Ar plasma ..... (4) 733
Ar sputtering ..... (4) 667
arsenic ..... (8) 1300
arsenic contamination ..... (3) 457
arsenic doping ..... (8) 1328
arsenic-planar doping ..... (8) 1300
As impurity ..... (8) 1176
As-doping ..... (8) 1411
As-P exchange reaction ..... (3) 457
As/P replacement ..... (4) 739
atomic force microscope ..... (6) 976
atomic force microscopy (AFM) ..... (2) 301, (3) 395, (10) 1585
atomic structure ..... (4) 727
atomic-layer doping ..... (9) 1527
atoms exchange ..... (4) 671
Au ..... (4) 727
Au/Mo/Ti/Ge/Pd metallization ..... (12) 1818
Au/p-ZnTe contacts ..... (9) 1474
Au/Pt/Pd/Zn ohmic contacts (9) 1478
Auger electron spectroscopy (AES) ..... (4) 727, (5) 805
auto-doping ..... (3) 463

B

band offset reduction layer ..... (4) 637
bandgap controlling ..... (3) 375
bandgap energy (Eg) ..... (3) 425
bandgap-crossing ..... (8) 1215
barrier height ..... (4) 597, (5) 831, (10) 1645
Bi-45%Sn-0.33%Ag solder ..... (7) 1128
Bi-solution ..... (7) 1082
biaxial alignment ..... (1) 35
biexciton ..... (2) 177
blue emitters ..... (2) 259
blue laser ..... (2) 213
boron ..... (5) 863
boron doping ..... (12) 1845
Bragg mirror ..... (8) 1388
Bridgman ..... (8) 1134
bromine ..... (4) 585
buffer layer(s) ..... (6) 925, (6) 972
buffer/barriers ..... (3) 415
built-in potential ..... (5) 831
bulk ..... (3) 363
bulk crystal growth ..... (7) 1082
bulk GaN ..... (9) 1545
bulk InP ..... (3) 353

C

C doping ..... (3) 491
c-BN ..... (1) 143
C-V ..... (2) 245
cadmium mercury telluride (8) 1151
cadmium oxide ..... (4) 765
cadmium stannate ..... (6) 935
cadmium sulfide ..... (4) 603
CaF_2 ..... (8) 1366
capacitance-voltage (C-V) ..... (4) 649, (12) 1832
capacitance-voltage theory ..... (2) 301
capacitors ..... (5) 899
capillary flow ..... (7) 1099
capture cross sections ..... (2) 321
carbon ..... (2) 297, (5) 799
carbon doped ..... (3) 449
carbon ion-implantation ..... (10) 1640
carbon nitride ..... (1) 57
carbon-silicon nitride ..... (1) 23
carrier concentration ..... (3) 463, (10) 1633
carrier dynamics ..... (2) 177
cathodoluminescence (CL) ..... (4) 619
CCl_4 ..... (3) 449
Cd ..... (12) 1823
$Cd_{1-x}Zn_xTe$ ..... (8) 1241
CdHgTe ..... (9) 1521
CdTe ..... (7) 1093, (8) 1232, (8) 1247, (8) 1260, (8) 1341, (8) 1353, (8) 1358, (8) 1402
$Cd_xZn_{1-x}Se$ ..... (12) 1823
CdZnSe/ZnSe ..... (2) 177
CdZnTe ..... (8) 1134, (8) 1183, (8) 1188, (8) 1221, (8) 1232, (8) 1286, (8) 1323, (8) 1362
CdZnTe gamma-ray detectors ..... (8) 1318
CdZnTe Schottky photodiodes ..... (8) 1318
CdZnTe/GaAs ..... (8) 1362
channel conductance ..... (9) 1551
characteristic temperature ..... (4) 581
charge transport ..... (9) 1451
chemical beam epitaxy (CBE) ..... (7) 1060
chemical vapor deposition (CVD) ..... (9) 1487, (9) 1531
chemical vapor transport (CVT) ..... (7) 1067, (7) 1072
chemical-mechanical planarization (CMP) ..... (10) 1574, (10) 1608, (10) 1612
chemical-mechanical polishing ..... (10) 1581, (10) 1585, (10) 1593, (10) 1599, (10) 1617, (10) 1623, (10) 1628
chemically assisted ion beam etching (CAIBE) ..... (5) 825
chlorine ..... (3) 463
chloropentafluoroethane (C_2ClF_5) ..... (5) 835
co-doping ..... (2) 207
co-pyrolysis ..... (9) 1539
coaxial impact collision ion scattering spectroscopy (CAICISS) ..... (4) 667
coefficient of thermal expansion ..... (6) 976
compensation ..... (4) 633
compliant substrates ..... (7) 1044
composite ..... (6) 930
compositionally graded layer (4) 581
conductive $SrRuO_3$ ..... (11) 1754
conductivity ..... (2) 321, (8) 1134
configuration coordinate diagram ..... (4) 677
contact resistance ..... (4) 643, (10) 1637, (11) 1725, (11) 1760
contact resistivity (4) 721, (11) 1662
contacts ..... (5) 811
copper ..... (10) 1593, (10) 1599, (10) 1617
copper diffusion ..... (4) 677
corner mirror ..... (4) 585

critical temperature ..... (8) 1254
crystal growth ..... (8) 1134
crystal orientation ..... (9) 1531
crystal polarity ..... (9) 1545
crystallographic direction ..... (3) 411
Cu diffusion ..... (11) 1778
Cu migration ..... (7) 1093
Cu substrate ..... (6) 992
Cu-Ge alloys ..... (11) 1662
Cu-Sn intermetallics ..... (6) 992
Cu/TiN/Si(100) ..... (11) 1740
Cu_3Ge ..... (11) 1760
current-voltage-temperature (I-V-T) ..... (3) 501
cyclopentadienyl indium ..... (3) 407

D

δ-doping ..... (9) 1527
damage ..... (3) 541, (4) 633
dark current ..... (3) 327
dark line defects ..... (2) 239
deep level transient spectroscopy (DLTS) ..... (2) 217, (2) 223, (2) 245, (12) 1851
deep levels ..... (11) 1790
deep quantum well ..... (3) 415
deep traps ..... (4) 627
defect density ..... (8) 1254
defect modeling ..... (8) 1336
defect zinc-blende structure . (2) 195
defects ..... (5) 845, (8) 1188, (8) 1375, (8) 1383, (8) 1402, (9) 1417
defects in InP ..... (3) 343
degradation ..... (2) 213, (4) 559, (7) 1037
deposition conditions ..... (3) 519
DETe ..... (8) 1358
deuterium ..... (3) 331
diamond ..... (1) 63, (1) 137
diamond-like carbon ..... (1) 151
diamond-like-carbon films ..... (1) 81
dichlorosilane ..... (7) 1037
die-attach ..... (11) 1715
diffuse scattering ..... (2) 235
diffusion ..... (2) 183, (4) 565, (7) 1108, (8) 1260, (8) 1276, (8) 1300
diffusion capacitance ..... (8) 1151
diffusion length ..... (8) 1266
diffusivity ..... (5) 869
dimethylselenide (DMSe) ..... (2) 223
DIPSbH ..... (9) 1539
dislocation ..... (2) 213
dislocation half-loop ..... (1) 7
dislocation-free ..... (12) 1841
disordering ..... (4) 565
dissociative ..... (7) 1108
dissolution kinetics ..... (7) 1113
domain matching epitaxy . (11) 1740
donor ..... (3) 463
donor passivation ..... (4) 685
dopant activation ..... (1) 87
doping ..... (8) 1276
double crystal x-ray topography ..... (3) 327
double layer heterojunction (DLHJ) ..... (8) 1375
double layer planar heterostructure (DLPH) ..... (8) 1394
double side doped structure . (6) 944
double-crystal x-ray diffraction (DCXRD) ..... (4) 749
drift mobility ..... (8) 1241
drift of copper ..... (8) 1172
dry etching ..... (4) 585, (5) 825, (8) 1270, (9) 1428
dry-etched mesa ..... (3) 369, (3) 411
dry-etched mirrors ..... (9) 1446
DX center ..... (2) 229

E

eddy current ..... (8) 1134
EDX ..... (4) 559
effective mass ..... (4) 745
efficient photoluminescence (9) 1501
elastic strain ..... (2) 287
electric field ..... (2) 253
electrical activation ..... (1) 107, (5) 879, (5) 885
electrical properties (3) 527, (8) 1176
electrode ..... (4) 715
electroluminescence ..... (5) 851
electromigration ..... (2) 293
electron affinity ..... (5) 831
electron confinement ..... (4) 745
electron cyclotron resonance (ECR) etching ..... (8) 1270
electron cyclotron resonance-chemical vapor deposition (ECR-CVD) ..... (12) 1845
electron mobility ..... (4) 555
electron paramagnetic resonance (EPR) ..... (12) 1851
electron probe x-ray microanalysis (EPMA) ..... (3) 425
electron spin resonance ..... (5) 851
electron transport ..... (8) 1215
electron trap(s) ..... (4) 733, (7) 1028
electron-beam lithography ... (4) 657
electron-hole ..... (5) 899
electrophotography ..... (9) 1451
electropolishing ..... (10) 1585
ellipsometry ..... (9) 1521
environmentally sensitive fracture ..... (10) 1581
epitaxial growth ..... (3) 463, (7) 1072
epitaxy ..... (7) 1037, (12) 1851
erbium ..... (1) 43, (5) 869
erosion ..... (10) 1574
etching ..... (4) 571, (12) 1806
excess Ga ..... (9) 1545
exchange reaction ..... (3) 379
excimer laser ..... (3) 549
exciton ..... (2) 173, (2) 177

F

far-infrared ..... (4) 611
Faraday rotation InGaAs ..... (4) 709
Fe-doped InP ..... (3) 343, (3) 363
fibers ..... (6) 930
field effect transistors ..... (3) 415
field screening ..... (6) 1019
filaments ..... (6) 930
filed effect transistor (FET) (8) 1266
film deposition ..... (1) 81
film morphology ..... (9) 1531
films ..... (11) 1778, (12) 1806
fluorine ..... (4) 685
focal plane array(s) (FPAs) ..... (8) 1341, (8) 1394
Fourier infrared reflectance . (5) 917
Fourier transform spectroscopy (FTIR) ..... (10) 1581
Franz-Keldysh oscillations ... (2) 183

G

Ga-doped ZnSe ..... (2) 229
Ga_2Se_3 ..... (2) 195
GaAs ..... (1) 107, (3) 439, (4) 593, (7) 1088, (9) 1527, (9) 1554, (11) 1662, (11) 1673, (11) 1695, (12) 1841
GaAs buffer layer ..... (2) 217
GaAs devices ..... (11) 1715
GaAs-based lasers ..... (9) 1446
GaAs-ZnSe heterojunction ... (2) 229
GaAs/Ge ..... (6) 1009
GaAs:Er ..... (3) 467
GaInAs ..... (3) 491
GaInAs/InP heterostructure (3) 407
GaInAsP ..... (6) 965, (9) 1469
GaInP ..... (4) 661
gallium antimonide ..... (7) 1082, (7) 1108
gallium indium phosphide (10) 1633
gallium nitride (GaN) ..... (5) 777, (5) 787, (5) 793, (5) 799, (5) 805, (5) 811, (5) 819, (5) 825, (5) 831, (5) 835, (5) 839, (5) 851, (5) 855, (6) 1004, (9) 1554, (11) 1703, (11) 1709
gamma-ray detector(s) ..... (8) 1286, (8) 1323
gamma-ray imaging ..... (8) 1232
GaN/SiC substrates ..... (5) 793
GaP ..... (12) 1851
gas source molecular beam epitaxy (GSMBE) ..... (2) 305, (3) 379, (4) 637, (6) 1019, (7) 1049, (9) 1469
GaSb ..... (1) 119, (7) 1082
GaSb Schottky diodes ..... (11) 1790
GaSe ..... (2) 195
gate dielectrics ..... (3) 527
Ge photodetectors ..... (7) 1028
Ge/Pd(Zn) ..... (4) 721
$Ge_{1-y}C_y$ ..... (2) 297
generation ..... (5) 899
germanium ..... (2) 297
GeSi ..... (7) 1028
gettering ..... (1) 157
graded composition buffer layer ..... (9) 1501
GRIN-SCH ..... (2) 183
group IV alloys ..... (2) 297
growth characteristics ..... (8) 1362
growth control ..... (8) 1394
growth kinetics ..... (7) 1044
growth modeling ..... (8) 1254
growth rate ..... (3) 463, (8) 1254

H

h-AlN ..... (1) 143
Hall elements ..... (3) 415
Hall factor ..... (5) 777
Hall measurement(s) ..... (7) 1082, (8) 1157, (8) 1215, (11) 1790
He-implanted ..... (1) 157
heterodyne detectors ..... (8) 1146
heteroepitaxy ..... (3) 439, (8) 1341 (8) 1402
heterojunction ..... (4) 749, (7) 1093
heterojunction bipolar transistor(s) (HBTs) .. (3) 491, (3) 537, (10) 1637
heterojunction diodes ..... (9) 1495
heterojunction field effect transistor (HFET) ..... (4) 555, (10) 1652
heterojunctions ..... (8) 1276
heterostructure(s) ... (2) 313, (5) 777, (8) 1312
heterostructure diode ..... (8) 1151
$Hg_{1-x}Cd_xTe$ (MCT) ..... (6) 1014
HgCdTe .. (4) 761, (6) 1014, (7) 1067, (7) 1072, (8) 1157, (8) 1165, (8) 1172, (8) 1176, (8) 1183, (8) 1188, (8) 1196, (8) 1203, (8) 1215, (8) 1260, (8) 1266, (8) 1270, (8) 1276, (8) 1286, (8) 1293, (8) 1300, (8) 1312, (8) 1328, (8) 1336, (8) 1341, (8) 1347, (8) 1353, (8) 1371, (8) 1375, (8) 1394, (8) 1402, (8) 1411, (9) 1561
HgCdTe/Si ..... (8) 1341
HgMnTe ..... (8) 1383
HgTe ..... (8) 1254
HgTe/CdTe ..... (3) 497
high electron mobility ..... (8) 1215
high electron mobility transistor (HEMT) ... (4) 633, (4) 643, (4) 715, (10) 1652
high hole mobility transistor (HHMT) ..... (6) 944
high resolution transmission electron microscopy (HRTEM) ..... (1) 131, (11) 1662
high temperature superconductors (11) 1760
high-low junction ..... (7) 1088
high-speed rotating-susceptor MOCVD ..... (3) 369
highly strained InGaAs ..... (6) 944
hole traps ..... (7) 1028
hybrid reliability ..... (8) 1341
hydrogen ..... (3) 331, (5) 845
hydrogen containing plasma ..... (12) 1806
hydrogen etching ..... (3) 507
hydrogen incorporation ..... (8) 1247
hydrogen plasma ..... (3) 421
hydrogenated amorphous silicon ..... (12) 1837
hydrogenation ..... (8) 1266
hysteresis energy loss ..... (6) 930

I

I-V ..... (2) 245
ideality factor ..... (5) 831
II-VI compounds ..... (2) 235, (2) 259
II-VI semiconductor(s) ..... (2) 229, (2) 201, (2) 253, (9) 1422
II-VI/III-V heteroepitaxy ..... (2) 259
III-V compounds .... (3) 389, (8) 1209
III-V nitrides ..... (5) 839, (5) 845
III-V semiconductors ..... (4) 603
III-VI compound ..... (2) 195
immiscible region ..... (4) 695
implantation .. (1) 75, (1) 87, (1) 107, (5) 869
implantation damage ..... (1) 107
impurites ..... (8) 1172, (8) 1188
in situ monitoring ..... (9) 1561
in situ sensors ..... (8) 1371
in-situ thin film metrology ... (6) 955
InAlAs ..... (4) 555, (4) 633, (9) 1458, (9) 1551, (10) 1652
InAlAs Schottky diodes ..... (4) 627
InAlAs/InP ..... (2) 313
InAlGaAs ..... (3) 375
InAlP ..... (4) 637
InAs ..... (3) 415, (4) 555
InAs-inserted channel ..... (4) 745
InAs/GaAs ..... (3) 485
InAs/InP quantum wells ..... (3) 379
InAsP/InP ..... (6) 1019
InAsSbP ..... (9) 1439
$InAs_yP_{1-y}/In_xGa_{1-x}As$ double heterostructure ..... (9) 1501
inclusion ..... (8) 1188
incorporation ..... (9) 1469
indium phosphide ... (3) 421, (4) 585, (4) 667
indium tin oxide ..... (12) 1806
infrared detectors (6) 1014, (8) 1341
infrared emitter ..... (8) 1388
infrared LEDs ..... (8) 1139
infrared polariscope ..... (3) 337
InGaAlP ..... (9) 1487
InGaAs ..... (3) 357, (3) 431, (3) 449, (3) 513, (4) 555, (4) 649, (9) 1551, (10) 1652
InGaAs laser diodes ..... (2) 309
InGaAs/GaAs ..... (3) 479, (4) 581
InGaAs/InAlAs ..... (3) 385, (4) 619
InGaAs/InGaAsP QWs ..... (7) 1049
InGaAs/InP superlattice ..... (4) 739
InGaAsP ..... (3) 513, (4) 695, (4) 709
InGaAsP/GaAs ..... (3) 519
InGaAsP/InP ..... (4) 701
InGaP .. (9) 1428, (9) 1514, (10) 1640
inhomogeneity ..... (12) 1837
InP (3) 327, (3) 337, (3) 347, (3) 369, (3) 389, (3) 411, (3) 439, (3) 443, (3) 463, (3) 537, (4) 571, (4) 577, (4) 593, (4) 597, (4) 603, (4) 611, (4) 643, (4) 677, (4) 691, (4) 709, (4) 755, (9) 1551, (10) 1645, (10) 1652
InP bulk growth ..... (3) 331
InP (111)B substrate ..... (6) 1019
InP (311) substrates ..... (3) 431
InP surface ..... (4) 727
InP triangular pillar structure ..... (4) 657
InP-based lasers ..... (9) 1446
InP/GaInP ..... (3) 395
InP/InGaAs ..... (10) 1637
InSb ..... (8) 1196
insulated gate high electron mobility transistor (IGHEMT) ..... (4) 649
integrated circuits ..... (1) 13
intense pulsed ion beams ..... (1) 81
interband magneto-absorption ..... (3) 497
interconnect lines ..... (11) 1767
interconnects ..... (2) 293, (6) 976, (10) 1617
interdiffused multilayer process ..... (9) 1561
interdiffusion ..... (4) 755
interface ..... (4) 603, (8) 1134
interface potential ..... (12) 1832
interface quality ..... (5) 909
interface recombination ..... (6) 948
interface roughness ..... (9) 1551
interface state density ..... (11) 1784
interface states ..... (2) 245
interface strain ..... (4) 739
interface structure ..... (4) 671
interfaces ..... (7) 1049, (9) 1506, (10) 1645
interfacial layer ..... (4) 611
interfacial properties ..... (6) 972
interfacial reactions ..... (7) 1113
intermetallic compound growth ..... (6) 992
intermetallics ..... (7) 1113
InTlSb ..... (8) 1209
intrinsic acceptor ..... (7) 1082
Invar material ..... (11) 1797
ion beam assisted deposition (IBAD) ..... (1) 35
ion bombardment ..... (1) 113
ion implantation ..... (1) 23, (1) 27, (1) 99, (1) 157, (3) 541, (4) 761, (5) 839, (5) 879, (5) 885, (7) 1088, (8) 1312, (8) 1336
ion implantation damage ..... (1) 119
ion scattering spectroscopy .. (4) 667
ion-beam etching ..... (9) 1446
ion-implanted ..... (8) 1300
ion-implanted GaAs ..... (1) 3
ions ..... (5) 869
IR absorption ..... (8) 1188
IR detectors ..... (8) 1366, (8) 1411
iron doping ..... (4) 627
island formation ..... (3) 439
island growth ..... (7) 1067
isoelectric traps ..... (9) 1527
isothermal capacitance transient spectroscopy ..... (4) 733

L

$LaAlO_3$ substrates ..... (11) 1754
$LaNiO_3$ ..... (11) 1760
laser ..... (4) 581
laser detectors ..... (8) 1146
laser diode ..... (4) 565
laser induced conductivity ... (3) 549
laser photolysis ..... (1) 69

laser Raman spectroscopy .... (4) 695
laser reflectance ..... (9) 1561
laser scattering tomography (LST) ..... (3) 343
laser welding ..... (11) 1797
laser-assisted method ..... (1) 137
lattice damage ..... (1) 99
lattice parameter ..... (1) 63
lattice relaxation ..... (4) 581
lattice-matching ..... (2) 217
lattice-mismatched system ... (3) 439
layered structure ..... (2) 195
lead (Pb)-free solders ..... (7) 1113
lead-free ..... (7) 1128
LEC InP growth ..... (3) 343
life test ..... (4) 559
lifetime(s) ..... (8) 1176, (8) 1266
light emission ..... (2) 269
light emitting diodes (LEDs) ..... (5) 851, (8) 1388
linear array photoconductor ..... (8) 1306
linear polarization resistance ..... (10) 1593
liquid encapsulated Czochralski (LEC) method ..... (3) 327
liquid phase epitaxy (LPE).. (4) 709, (6) 1014, (8) 1188, (8) 1375, (9) 1439, (9) 1463
liquid-encapsulated Czochralski (LEC) method ..... (3) 337
localized state ..... (2) 173
long wavelength infrared (LWIR) ..... (8) 1394
long wavelength infrared (LWIR) detectors ..... (8) 1209
long wavelength infrared (LWIR)/ very long wavelength infrared (VLWIR) detectors ..... (8) 1383
low dislocation density ..... (3) 347
low energy electron diffraction (LEED) ..... (4) 727
low pressure chemical vapor deposition (LPCVD)..... (5) 917
low pressure metalorganic chemical vapor deposition (LP-MOCVD) ..... (3) 485, (3) 513
low pressure metalorganic vapor phase epitaxy (LP-MOVPE) ..... (3) 519
low temperature grown GaAs ..... (12) 1832
low-resistivity oxide ..... (1) 51
luminescence ..... (2) 287

M

magnetic ..... (6) 930
magneto-transport measurement ..... (8) 1157
magnetoluminescence ..... (8) 1203
magnetophonon resonance . (8) 1196
magnetoresistance ..... (8) 1196
magnetron sputtering..... (9) 1495
manufacturing ..... (1) 93
mass flux ..... (7) 1072
mass spectroscopy analysis ..... (9) 1554
mass-transport ..... (3) 411
MCT ..... (8) 1139, (8) 1146
mechanism for photodegradation ..... (2) 239
medical imaging ..... (8) 1318
mesoscopic nonuniformity .... (3) 363
metal alkyl precursors ..... (7) 1060
metal colloids ..... (1) 27
metal oxide semiconductor (MOS) ..... (5) 909
metal oxide semiconductor field-effect transistor (MOSFET) device ..... (11) 1725
metal silicides ..... (11) 1725
metal-insulator transition ..... (11) 1772
metal-insulator-semiconductor (MIS) ..... (4) 603
metal/dielectric/ semiconductor ..... (12) 1832
metal/semiconductor interface ..... (4) 715
metallization ..... (5) 805, (11) 1715, (11) 1767
metallurgical defects ..... (8) 1375
metalorganic chemical vapor deposition (MOCVD) ..... (3) 449, (6) 965, (7) 1064, (8) 1209, (8) 1328, (8) 1347, (8) 1358, (9) 1487, (9) 1514, (9) 1554, (9) 1561
metalorganic molecular beam epitaxy (MOMBE)(2) 223, (8) 1203
metalorganic tellurium..... (8) 1353
metalorganic vapor phase epitaxy (MOVPE) ..... (2) 309, (3) 375, (3) 385, , (3) 407, (3) 431, (3) 443, (4) 581, (4) 691, (4) 701, (4) 739, (5) 799, , (8) 1139, (8) 1146, (8) 1276, (8) 1353, (8) 1362, (12) 1801
Mg_2Si ..... (6) 925
MgZnCdSe..... (3) 425
micro-Raman scattering ..... (1) 3
micropipes ..... (5) 893
microstructure(s) ..... (9) 1545, (11) 1673, (11) 1754, (11) 1778
microtwins..... (2) 263
microwave probe ..... (7) 1088
MIS structure..... (4) 597
miscibility gap ..... (9) 1439
mobility ..... (5) 777, (8) 1266
modeling ..... (9) 1561
modulator ..... (3) 385
molar volume ..... (1) 63
molecular beam epitaxy (MBE) .....(2) 245, (2) 259, (2) 297, (3) 379, (3) 425, (3) 467,(4) 571, (4) 619, (4) 633, (4) 761,(5) 787, (5) 793, (5) 855, (6) 944, (6) 948, (6) 1009, (7) 1044, (7) 1121, (8) 1247, (8) 1341, (8) 1394, (8) 1402, (8) 1406, (8) 1411, (9) 1458, (9) 1521, (9) 1551, (12) 1832
molecular beam epitaxy (MBE)CdTe ..... (8) 1306
molecular beam epitaxy (MBE)-HgCdTe ..... (8) 1312
multi-quantum well (MQW) ..... (3) 385, (4) 565
multi-quantum well (MQW) laser ..... (6) 948
multi-wafer-rotating-disc MOCVD ..... (4) 749
multicomponent zone melting growth ..... (3) 357
multiple quantum well(s) .... (2) 177, (6) 965, (7) 1121
multiply-faulted defect ..... (1) 7

N

n-AlInAs ..... (4) 685
n-type..... (6) 1014
n-type doping ..... (2) 207
n-type GaAs ..... (11) 1684, (12) 1818
nanofabrication ..... (10) 1585
Ni barrier layer ..... (7) 1113
nickel ..... (6) 930
NiGe ..... (11) 1684
nitrogen ..... (4) 585, (5) 885
nitrogen doping..... (2) 223, (8) 1247
nonalloyed contacts ..... (10) 1637
nonalloyed electrodes ..... (4) 643
nondestructive characterization ..... (10) 1633
nonequilibrium ..... (8) 1146
nonequilibrium detectors ... (8) 1139
novel precursors..... (3) 443
nuclear medicine..... (8) 1232

O

O_2 plasma ..... (4) 733,
ohmic contact(s) ..... (4) 559, (4) 637, (4) 755, (5) 805, (5) 811, (5) 819, (8) 1293, (9) 1474, (11) 1662, (11) 1673, (11) 1684, (11) 1695, (11) 1703, (11) 1709, (12) 1818, (12) 1823
optical absorption (2) 297, (11) 1772
optical band gap..... (12) 1837
optical degradation ..... (2) 177
optical gain..... (2) 173
optical interferometry..... (10) 1623
optoelectronic integrated circuit (OEIC) ..... (3) 537
optoelectronic properties ..... (4) 709
ordering ..... (4) 661, (4) 701
organic photoconductor ..... (9) 1451
organometallic epitaxy ..... (2) 207
organometallic vapor phase epitaxy (OMVPE)... (3) 491, (4) 671, (4) 771
orientation dependence ..... (8) 1347
orientation imaging microscopy (OIM) ..... (11) 1767
oxidation..... (5) 909
oxide films ..... (10) 1574, (10) 1581, (10) 1623, (10) 1628
oxide stripes ..... (9) 1514
oxy-nitride thin films..... (1) 69

oxygen diffusion ..... (11) 1772
oxygen plasma ..... (5) 855

P

p-III-V ohmic contact ..... (4) 721
p-n junction diode ..... (5) 885
p-n photodiodes ..... (8) 1394
p-ohmic interface ..... (4) 721
p-on-n diodes ..... (8) 1375
pairing reaction ..... (8) 1172
parasitic reaction ..... (6) 1004
particle size distribution .. (10) 1612
paryline-N ..... (11) 1778
passivation . (4) 603, (4) 633, (4) 649, (5) 845
patterned InP substrate ..... (4) 619
patterned substrates ..... (3) 389
$Pb_{1-x}Eu_xTe/PbTe$ ..... (7) 1121
PbSnSe IR devices ..... (8) 1366
PbTe ..... (7) 1121
PCl_3 ..... (4) 571
persistent photoconductivity (2) 229
phase diagram(s) ... (6) 983, (9) 1439
phase equilibria ..... (5) 811, (9) 1463
phosphorous dimer ..... (4) 691
phosphorous nitride ..... (4) 597
phosphorous precursor ..... (9) 1434
photo-assisted annealing.. (11) 1784
photoconductivity ..... (4) 677
photoconductors ..... (8) 1209
photocurrent ..... (4) 661
photodegradation ..... (2) 239
photodiode ..... (8) 1266
photodiodes ..... (8) 1328
photoelectron diffraction .... (8) 1293
photoelectron spectroscopy... (4) 593
photoluminescence (PL) ..... (2) 183, (2) 207, (2) 223, (2) 253, (2) 269, (2) 297, (3) 327, (3) 357, (3) 379, (3) 395, (3) 425, (3) 467, (4) 611, (4) 619, (4) 657, (4) 677, (4) 749, (5) 869, (6) 965, (7) 1023, (7) 1082, (8) 1176, (8) 1241, (9) 1458, (9) 1527, (10) 1633, (10) 1652, (11) 1790, (12) 1801, (12) 1851
photoreduction ..... (11) 1772
photoreflectance (PR)(2) 183, (3) 395
piezoelectric effect ..... (6) 1019
PIN-photodiode ..... (3) 327
planar defects ..... (9) 1545
planarization ..... (1) 137, (10) 1608
plasma ..... (4) 633
plasma chemistry ..... (9) 1428
plasma doping ..... (3) 507
plasma enhanced chemical vapor deposition (PECVD) ..... (9) 1506, (11) 1784, (12) 1837
plasma shielding ..... (1) 125
point contact mapping ..... (3) 363
polarization-insensitive ..... (3) 385
polishing ..... (10) 1608
poly-Si ..... (3) 507
polycrystalline thin films ... (9) 1422
polyimide ..... (3) 549, (6) 976
polymer ..... (6) 930
polysilicon ..... (6) 955
porous Si ..... (1) 43, (2) 269
potential-pH diagrams ..... (10) 1599
prelayers ..... (6) 1009
pressure dependence ..... (6) 1004
pressure-temperature diagram ..... (8) 1383
printed wiring board ..... (7) 1099
process modeling ..... (8) 1336
pseudomorphic structure ..... (4) 555
Pt/MgO ..... (1) 51
pulsed laser deposition (PLD) (1) 51, (1) 57, (1) 125, (1) 131, (1) 151, (6) 972
pulsed laser evaporation ..... (1) 143
pulsed laser processing ..... (1) 143
pyrolysis studies ..... (9) 1434

Q

quantum confined Stark effect (QCSE) ..... (2) 253
quantum dots ..... (3) 395, (10) 1585
quantum well (QW) ..... (4) 581

R

radiation detectors (8) 1221, (8) 1318
radiotracer analysis ..... (8) 1260
Raman scattering ... (2) 287, (3) 541, (5) 917, (9) 1458
Raman scattering anlaysis (12) 1845
rapid laser annealing ..... (1) 3
rapid thermal anneal (RTA) ..... (5) 839
rapid thermal chemical vapor deposition (RTCVD) ..... (3) 527, (7) 1023
rare earth ..... (4) 709
reaction rate ..... (9) 1531
reactive ion beam etching .... (4) 585
reactive ion etching (RIE) ... (3) 389, (5) 835, (5) 875, (6) 955
reciprocal space map (RSM). (2) 235
recombination-generation centers ..... (7) 1028
recrystallization ..... (3) 541
rectifying ..... (1) 113
reduction of energy band discontinuity ..... (2) 195
reflection high energy electron diffraction (RHEED)..... (3) 395, (3) 479, (4) 571, (4) 727, (5) 787, (5) 855
reflectometry ..... (6) 955
regrowth ..... (7) 1064
relaxation of lattice mismatch ..... (2) 195
reliability ..... (3) 415
residual impurity ..... (5) 799
residual strain ..... (3) 337
resistivity ..... (5) 893
resonant cavity ..... (8) 1388
ridge quantum wire ..... (4) 619
rocking curve ..... (3) 327
room temperature luminescence ..... (1) 43
rotating disk reactors ..... (9) 1487
Ru Schottky contacts ..... (11) 1695
Rutherford backscattering spectrometry ..... (4) 715
Rutherford backscattering (RBS) ..... (1) 3, (4) 727, (5) 879

S

Sb ..... (3) 415
scan spectral spectrometer ..... (8) 1371
scanning capacitance microscopy (SEM) ..... (2) 301, (4) 619, (11) 1767
scanning internal-photoemission microscopy ..... (4) 577
scanning photoluminescence (PL) ..... (3) 363
scanning tunneling microscopy (STM) ..... (3) 379, (3) 479
Schottky barrier(s).. (1) 113, (4) 603, (5) 831, (11) 1703, (11) 1740, (12) 1823
Schottky barrier height .... (11) 1748
Schottky barrier height enhancement ..... (4) 577
Schottky contacts ..... (2) 201, (3) 501
Schottky diode ..... (8) 1221
Schottky junction ..... (4) 597, (4) 733
Se ..... (4) 581
Se doping ..... (7) 1064
second-phase ..... (8) 1188
secondary electron ..... (4) 585
secondary ion mass spectroscopy (SIMS) ... (5) 799, (5) 885, (8) 1165, (9) 1527, (11) 1772
selective area growth (3) 401, (3) 421
selective embedding growth (3) 369, (3) 411
selective epitaxy ..... (3) 389
selective growth ..... (3) 375, (4) 619
selective regrowth ..... (3) 389
self-assembled dots ..... (3) 395
self-compensation ..... (10) 1640
self-organization ..... (3) 431
semi-insulating ..... (3) 353
semi-insulating epilayer ... (12) 1841
semiconductor detectors ..... (8) 1232
semiconductor laser packaging ..... (11) 1797
semiconductor laser ..... (4) 701
shallow donors ..... (5) 845
short period superlattices .... (3) 485, (12) 1801
shroud flow ..... (4) 749
Shubnikov-de Haas measurement ..... (4) 745
Si ..... (1) 13, (1) 99, (1) 157, (3) 507, (6) 925, (7) 1037, (8) 1353, (8) 1358
Si nanostructures ..... (2) 269
Si substrate(s) ..... (8) 1347, (8) 1402
Si-based light emitting device (1) 43
$Si\text{-}Si_{1-x}Ge_x$ quantum dots ..... (2) 287
$Si_{1-x}Ge_x$ ..... (3) 501
$Si_{1-x-y}Ge_xC_y$ ..... (11) 1748
$Si_3N_4/InGaAs$ ..... (9) 1506
SiC .... (1) 23, (1) 75, (5) 831, (5) 863, (5) 869, (5) 909, (12) 1845

SiGe ..... (7) 1023
SiH_4 ..... (9) 1531
silica ..... (1) 27
silicon carbide (SiC) (5) 875, (5) 879, (5) 885, (5) 893, (5) 899, (9) 1495
silicon efficiency ..... (9) 1417
silicon islands ..... (1) 7
silicon-based oxides ..... (3) 527
silicon-germanium ..... (1) 87
silicon-on-insulator ..... (1) 93
SIMOX ..... (1) 7, (1) 93
SIMS detection limits ..... (8) 1165
SIMS imaging ..... (8) 1165
SiN ..... (11) 1784
single side doped structure .. (6) 944
SiO_2 ..... (3) 507, (5) 909, (7) 1037
slurries ..... (10) 1612
Sn-Bi ..... (6) 983
Sn-In ..... (6) 983
Sn-Pb-Ag solder ..... (6) 992
SnPbAg solder ..... (11) 1715
SnTe dopants ..... (11) 1790
soft x-ray ..... (4) 593
solar cell(s) ..... (7) 1093, (9) 1417
solder ..... (6) 983, (7) 1128
solderability ..... (7) 1099
soldering ..... (7) 1113
solid source epitaxy ..... (3) 421
solid-phase epitaxy ..... (1) 87
solid-source molecular beam epitaxy ..... (3) 395
solution growth ..... (8) 1241
specific heat ..... (1) 63
spectroscopic ellipsometry .. (8) 1406
spinodal decomposition ..... (9) 1439
SPRITES ..... (6) 1014
sputter initiated resonance ionization spectroscopy (SIRIS) ..... (8) 1183, (8) 1188
sputtering ..... (4) 765
stability ..... (2) 201, (4) 715
stacking fault(s) ..... (2) 213, (2) 235, (2) 263
stacking fault pyramid ..... (1) 7
stoichiometry ..... (8) 1188
strain ..... (4) 565, (4) 745, (7) 1044, (11) 1748
strain relaxation ..... (1) 87
strain-compensated multiple quantum well (MQW) structures ..... (3) 513
strained layer growth ..... (3) 479
strained layer multi-quantum well ..... (4) 701
strained layers ..... (12) 1801
strained MQW ..... (3) 385
strained quantum wells ..... (2) 309
stress ..... (10) 1574
structure ..... (4) 765
substitutional-interstitial ... (7) 1108
sulfur ..... (4) 593
superconducting thin film .... (6) 972
superlattice ..... (3) 497, (4) 661
superlattice structures ..... (8) 1203
surface analysis ..... (4) 667, (5) 805
surface cleaning ..... (5) 805
surface Fermi level ..... (4) 597
surface morphology ..... (6) 1009, (10) 1623
surface passivation .. (3) 537, (4) 593
surface photo-absorption (SPA) ..... (4) 691
surface plasticity ..... (10) 1581
surface recombination ..... (7) 1088
surface roughness ... (1) 137, (2) 313, (9) 1545
surface treatment ..... (2) 245
switching effect ..... (7) 1054
synchroton radiation ..... (4) 671, (4) 593
synchrotron x-ray ..... (8) 1306

T

tapered insertion Ni-layer .... (4) 577
TBA/TBP ..... (3) 401, (3) 457
Te ..... (12) 1823
ternary bulk crystal ..... (3) 357
tertiarybutylarsine (TBA) ... (6) 965, (8) 1328
tertiarybutylbis(dimethylamino) phosphine ..... (9) 1434
tertiarybutylphosphine (TBP) ..... (6) 965
thermal ..... (5) 899
thermal annealing ..... (3) 449
thermal baffle ..... (3) 347
thermal desorption ..... (5) 805
thermal escape ..... (2) 183
thermal evaporation ..... (6) 925
thermal expansion ..... (1) 63, (6) 976
thermal image ..... (8) 1366
thermal stability ..... (5) 811
thermal treatment ..... (4) 761
thermally stimulated current ..... (2) 321
thermodynamic assessment ..... (6) 983
thermoelectric figure of merit ..... (7) 1121
thermoelectric power ..... (8) 1196
thin film(s) ..... (1) 51, (1) 57, (4) 727, (11) 1754
thin film coating ..... (11) 1797
thin film silicon on insulator .. (1) 13
threading dislocation ..... (1) 7
Ti/Al/Ni/Au ..... (11) 1703
time-of-flight (TOF) ..... (8) 1241
TiN ..... (1) 151
tin (Sn)-rich solders ..... (7) 1113
TiN/Si(100) ..... (11) 1740
titanium ..... (11) 1709
$TlGaTe_2$ ..... (7) 1054
$TlInSe_2$ ..... (7) 1054
$TlInTe_2$ ..... (7) 1054
TMIn ..... (9) 1539
trace impurites ..... (8) 1183
transient behavior ..... (7) 1072
transition metal doping ..... (4) 709
transmission ..... (12) 1837
transmission electron microscopy (TEM) ..... (2) 263, (3) 395, (5) 793, (8) 1347, (9) 1478, (10) 1645, (11) 1673
transparent conducting oxides ..... (6) 935
transparent conductors .... (11) 1772
traveling heater method ..... (7) 1082
triethylgallium (TEGa) ..... (5) 799
trifluoromethane (CHF_3) ..... (5) 835
trimethylgallium (TGMa) ..... (5) 799
triple axis diffraction (TAD) . (2) 235
tris-dimethylaminoarsenic . (8) 1328
tritertiarybutylaluminum .... (4) 771
tungsten ..... (9) 1531, (11) 1748
turn-on voltage ..... (12) 1823
twinning ..... (8) 1353
two-dimensional dopant profiles ..... (2) 301
two-dimensional electron gas (2DEG) ..... (5) 777

U

uniformity ..... (8) 1394

V

V/III ratio ..... (5) 799
vacancy formation ..... (8) 1254
vapor phase epitaxy (VPE) ... (3) 463
vapor phase lateral diffusion (3) 401
vapor pressure controlled Czochralski (VCZ) method (3) 337
very-narrow-gap semiconductors ..... (8) 1215

W

waveguide(s) ..... (4) 585, (4) 709
waveguide components ..... (3) 411
WF_4 ..... (9) 1531
wide bandgap semiconductors ... (2) 259, (9) 1495
WSi ..... (4) 559

X

x-ray crystal truncation rod (CTR) ..... (4) 671
x-ray detector ..... (8) 1286, (8) 1306
x-ray diffraction (XRD) ..... (3) 379, (3) 501, (4) 739, , (5) 917, (6) 965
x-ray photoelectron spectroscopy ..... (5) 917
X-TEM ..... (4) 559

Y

$YBa_2Cu_3O_{7-x}$ ..... (11) 1760
YBCO ..... (1) 131
yttria-stabilized zirconia (YSZ)(1) 35

Z

zeta potential ..... (10) 1581
zinc ..... (7) 1108
zinc selenide ..... (2) 207
Zn ..... (4) 565
Zn(S)Se/GaAs heterostructure ..... (2) 217
$Zn_{1-x}Cd_xSe$ quantum well ..... (2) 239
ZnMgSSe ..... (2) 213
ZnO ..... (5) 855
ZnSe ..... (2) 217, (2) 223, (4) 637, (12) 1823
ZnSe/GaAs ..... (2) 245
ZnTe ..... (9) 1422, (9) 1474